

PUBLIC NOTICE

PERMIT APPLICATION: NRS #05.434

APPLICANT: Randy Dalton
Beacon Company, LLC
1030 Sugartree Pointe
Cookeville, TN 38501
(931) 252-8012

LOCATION: Proposed Beacon Assisted Living Facility
Near the intersection of South Maple Ave and Old Walton Rd
Unnamed tributary to Pigeon Roost Creek
Cookeville, Putnam County
Lat. 36.140278 Long. -85.48583

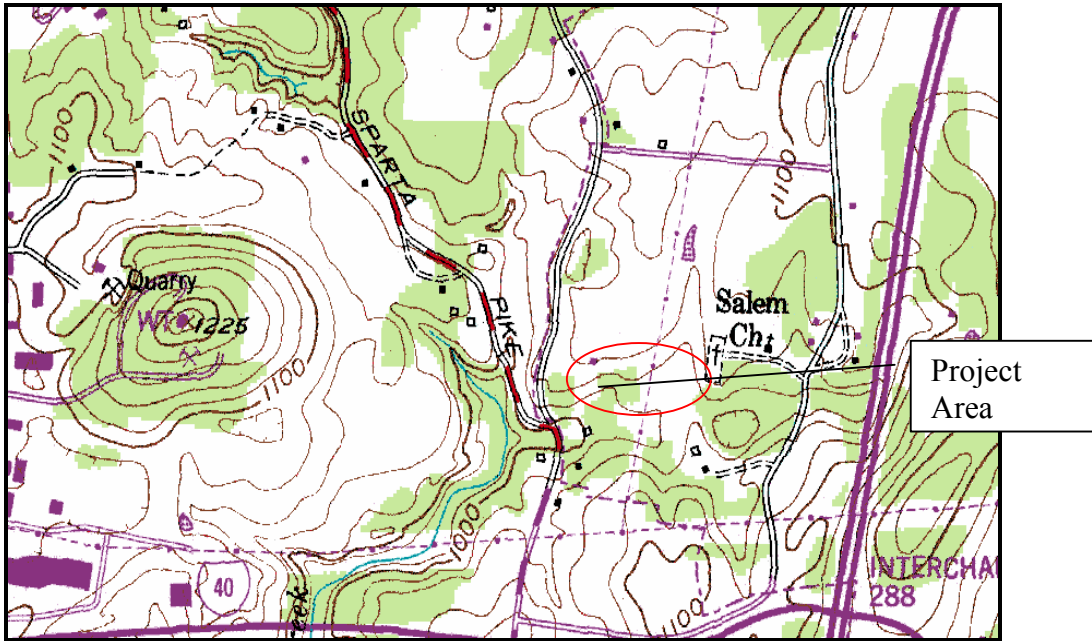
WATERSHED DESCRIPTION: The project is located in the Caney Fork Watershed (HUC 05130108). The land surrounding this property is primarily commercial with ongoing residential and commercial development. Two streams and one open throated sinkhole will be impacted. Stream 1, a tributary to Pigeon Roost Creek, originates from a spring, flows into a 12" pipe, an open catch basin, and a 30" concrete pipe under South Maple Avenue. The substrate is soil and gravel with a channel width of 3-8 feet. Stream 2 originates from a spring, falls into an open throated sinkhole, and drains subsurface to Pigeon Roost Creek. The substrate is bedrock and cobble. Pigeon Roost Creek has been assessed as impaired for nitrates, phosphates, *E. coli*, and substrate habitat alteration.

PROJECT DESCRIPTION: The applicant is planning to construct an assisted living facility with two parking lots, access roads, and a sidewalk on the 3.4 acre tract. Stream 1 is to be relocated. The existing channel is approximately 200' of open channel. The constructed channel is to be 225' of open channel with a 30' encapsulation, for a total of 255'. Proposed on stream 2 is a 52' encapsulation for the road crossing and a Class V Injection Well for the sinkhole. These activities will result in approximately 150' of stream loss.

The proposed project will cause degradation to waters of the state. A tier determination will be completed prior to permit action.

PERMIT COORDINATOR: Judy Manners

USGS TOPOGRAPHIC QUADRANGLE: Cookeville East (331 NE)



Cookeville East Quad



Photo 1- Stream 1 wooded riparian zone



Photo 2- Stream 1 channel in open pasture



Photo 3- Stream 1 -12" diameter pipe upstream of catch basin



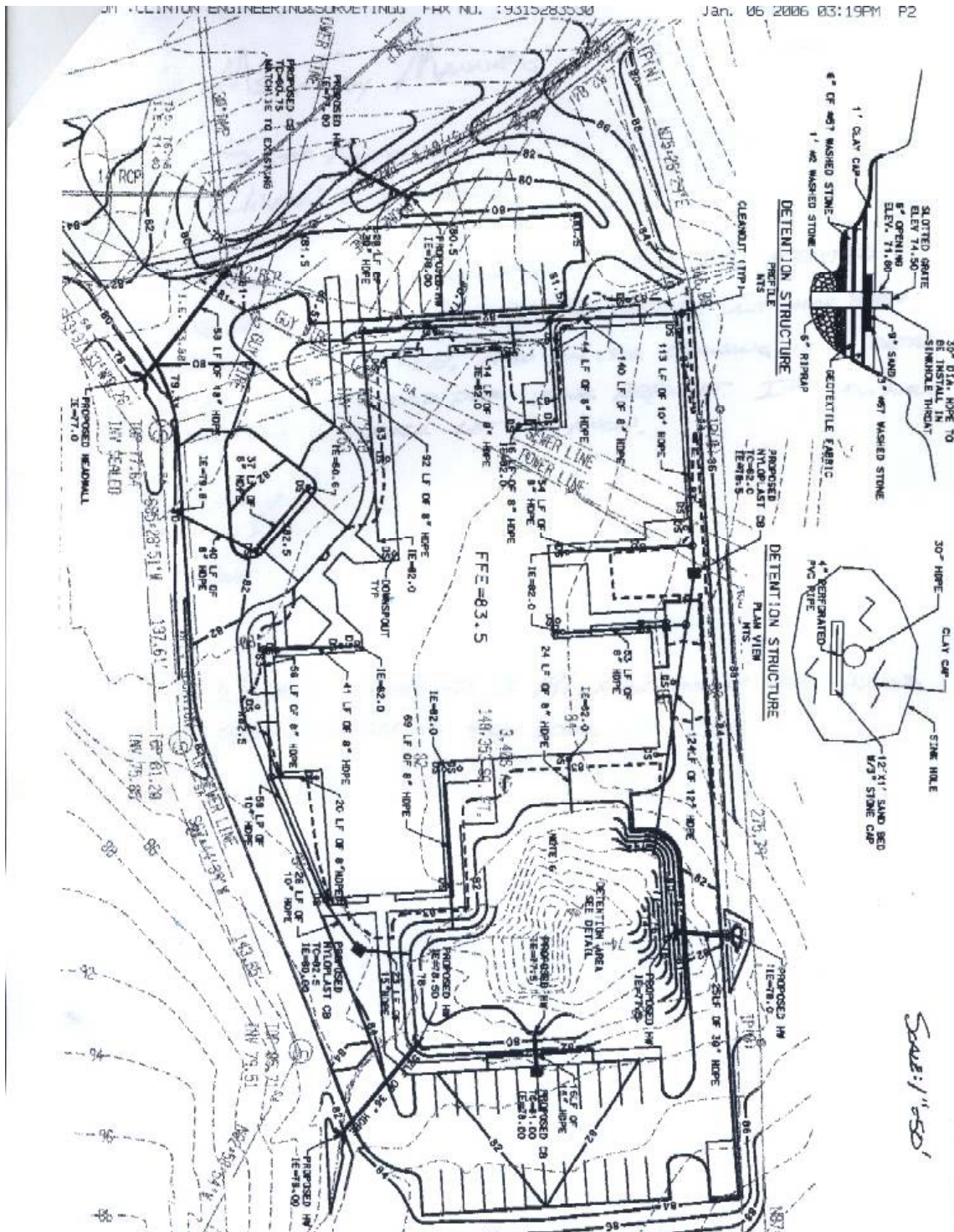
Photo 4- Stream 2-Spring source



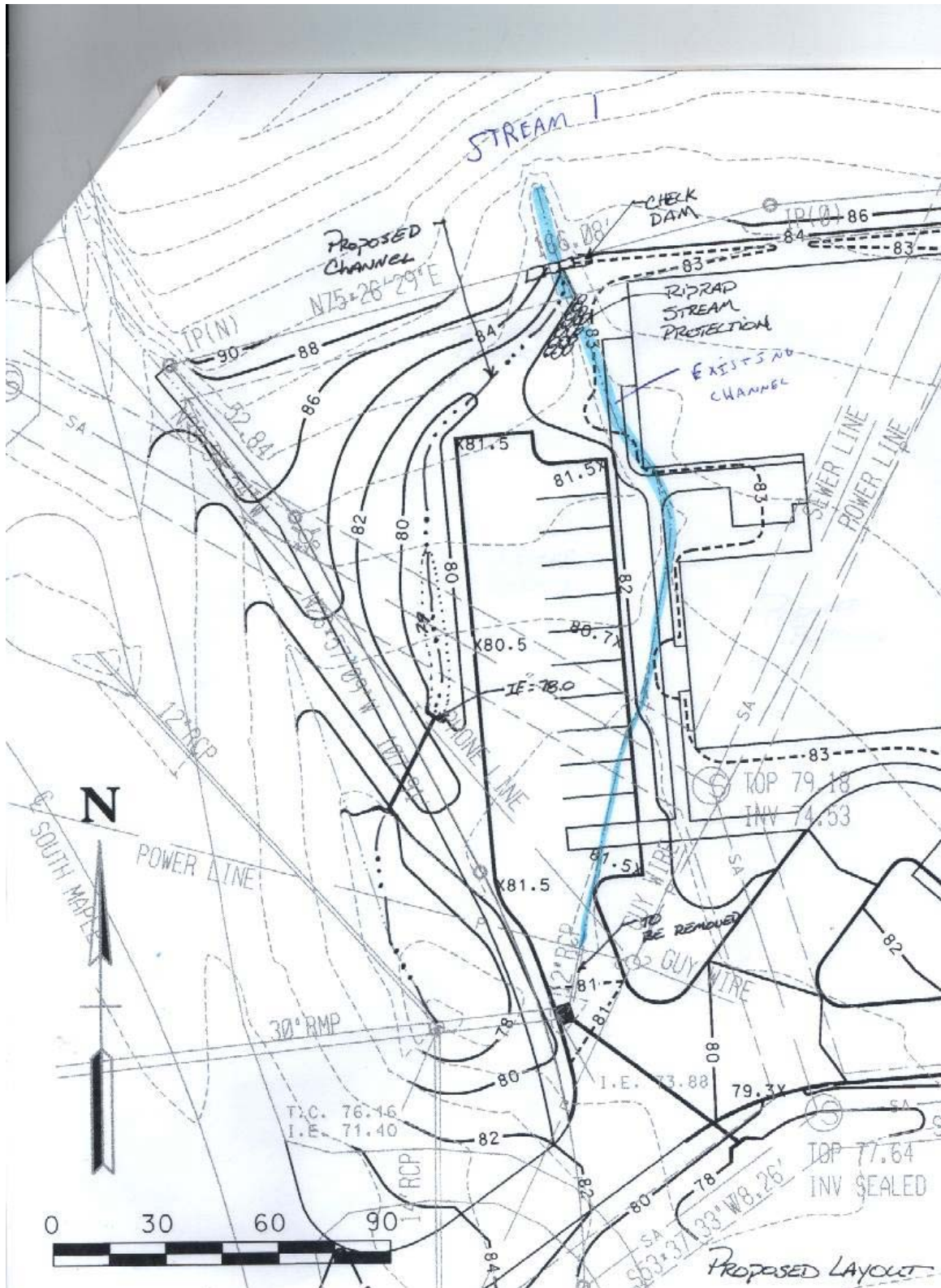
Photo 5-Stream 2 -Waterfall into sinkhole



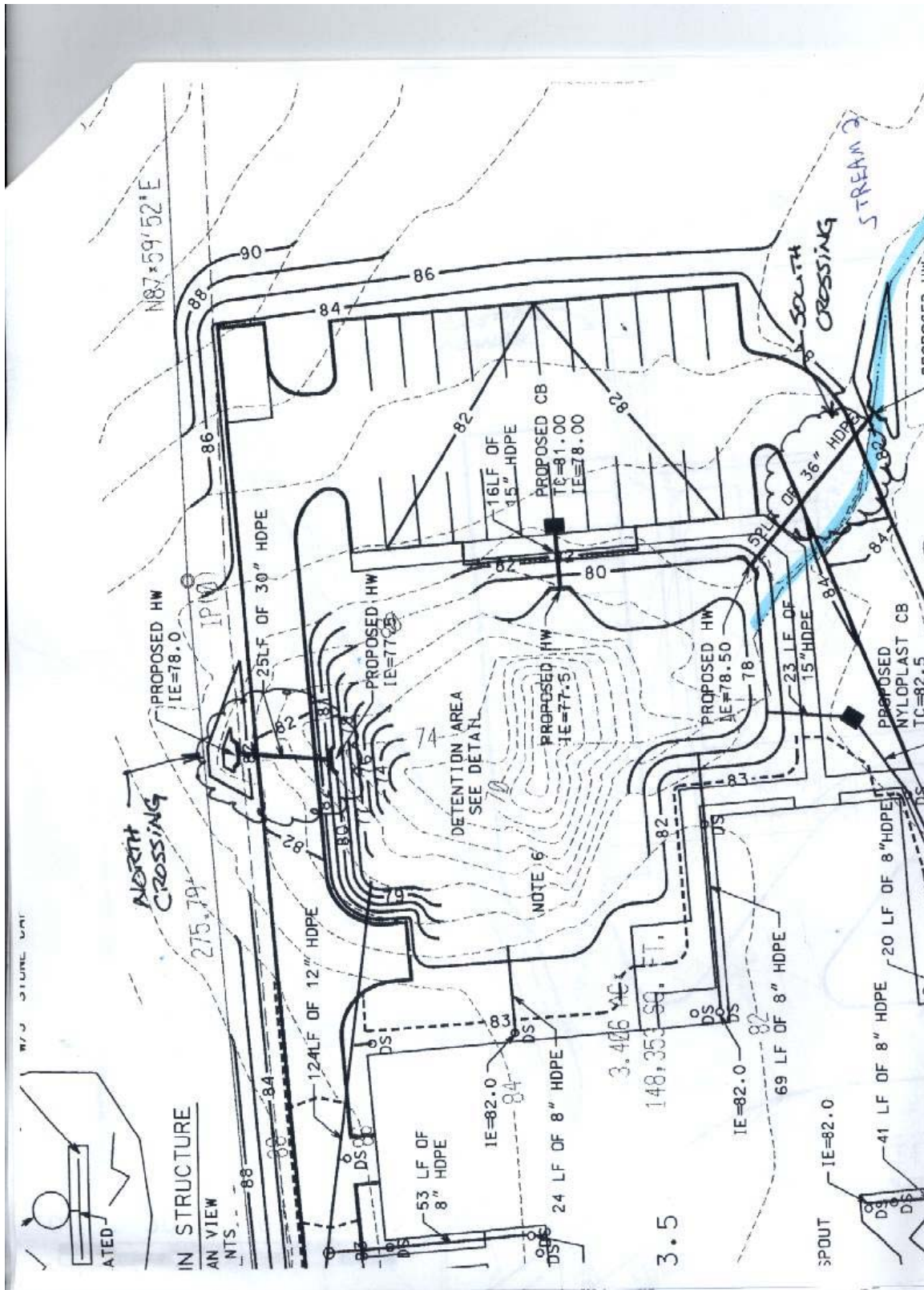
Photo 6 Stream 2 -Waterfall



Overall Site Plans



Stream 1 impacts



Stream 2 impacts